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Subject: mysqlclient compilation error

Posted by [forlano](#) on Sat, 02 Oct 2021 12:07:03 GMT

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Hello,

on Mojave my package compile and run perfectly with a 6 months old U++ distro.

Today I have installed Catalina and setup it as done with Mojave but with the latest U++.  
Now I have the following error

Linking...

Undefined symbols for architecture x86\_64:

"\_ZSTD\_compressBound", referenced from:  
zstd\_compress\_alloc(mysql\_zstd\_compress\_context\*, unsigned char const\*, unsigned long\*, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_compressCCtx", referenced from:  
zstd\_compress\_alloc(mysql\_zstd\_compress\_context\*, unsigned char const\*, unsigned long\*, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_createCCtx", referenced from:  
zstd\_compress\_alloc(mysql\_zstd\_compress\_context\*, unsigned char const\*, unsigned long\*, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_createDCtx", referenced from:  
my\_uncompress(mysql\_compress\_context\*, unsigned char\*, unsigned long, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_decompressDCtx", referenced from:  
my\_uncompress(mysql\_compress\_context\*, unsigned char\*, unsigned long, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_freeCCtx", referenced from:  
mysql\_compress\_context\_deinit(mysql\_compress\_context\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_freeDCtx", referenced from:  
mysql\_compress\_context\_deinit(mysql\_compress\_context\*) in libmysqlclient.a(my\_compress.cc.o)

"\_ZSTD\_isError", referenced from:  
zstd\_compress\_alloc(mysql\_zstd\_compress\_context\*, unsigned char const\*, unsigned long\*, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

my\_uncompress(mysql\_compress\_context\*, unsigned char\*, unsigned long, unsigned long\*) in libmysqlclient.a(my\_compress.cc.o)

ld: symbol(s) not found for architecture x86\_64

clang: error: linker command failed with exit code 1 (use -v to see invocation)

I have also noticed that the /opt folder is empty. What zstd is? Is it related to mysql in some way?

Any suggestion?

Thanks a lot,  
Luigi

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Subject: Re: mysqlclient compilation error  
Posted by [forlano](#) on Sat, 02 Oct 2021 19:57:40 GMT  
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After some more try I was able to compile and run my program.

In the past I was able to set and compile statically libcrypto.a, libssl.a and libmysqlclient.a.

Now it seems that the latest macOS U++ distro link statically libcrypto and libssl and leave mysqlclient dynamically linked.

If I use this default behavior then my program can be compiled. However I need to compile mysqlclient statically and now this cannot be done... at least I am facing some problem and appear the previous compiler error.

I'll continue the test...

Luigi

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Subject: Re: mysqlclient compilation error  
Posted by [forlano](#) on Sun, 03 Oct 2021 10:56:27 GMT  
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I give up.

I tried all combinations [lib]mysqlclient[.a], library and static library option, setting different paths for libmysqlclient.a and moving it in a separate folder, but nothing worked.

Does anybody knows how to link statically libmysqlclient on Catalina with new U++ distro? (under Mojave and old U++ distro I was successful).

Thanks,  
Luigi

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